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L4: Entry 2 of 12

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Oct 8, 2002

US-PAT-NO: 6462756

DOCUMENT-IDENTIFIER: US 6462756 B1

TITLE: System and method for visual representation of pages in a production printing workflow

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

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APPL-NO: 09/ 573093 [PALM]

DATE FILED: May 17, 2000

PARENT-CASE:

RELATED APPLICATIONS The following co-pending and commonly assigned U.S. Patent Application has been filed on the same date as the present application. This application relates to and further describes other aspects of the embodiments disclosed in the present application and is herein incorporated by reference. U.S. patent application Ser. No. 09/573,113 "AUTOMATED JOB CREATION FOR JOB PREPARATION", filed concurrently herewith.

INT-CL: [07] G06 F 3/00

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FIELD-OF-SEARCH: 345/348, 345/349, 345/339, 345/764, 345/835, 707/526, 707/529, 707/512, 707/513, 707/514, 707/515, 707/530, 707/531, 707/539, 358/1.15, 358/1.18

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected**Search ALL**

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5699494</u>	December 1997	Colbert et al.	395/114
<input type="checkbox"/>	<u>5718520</u>	February 1998	Mackay	400/61
<input type="checkbox"/>	<u>5760775</u>	June 1998	Sklut et al.	345/839
<input type="checkbox"/>	<u>5946461</u>	August 1999	Landry et al.	
<input type="checkbox"/>	<u>5978559</u>	November 1999	Quinion	395/114
<input type="checkbox"/>	<u>5995723</u>	November 1999	Sperry et al.	395/114
<input type="checkbox"/>	<u>6026258</u>	February 2000	Fresk et al.	399/87
<input type="checkbox"/>	<u>6134018</u>	October 2000	Dziesietnik et al.	358/1.15
<input type="checkbox"/>	<u>6134568</u>	October 2000	Tonkin	707/526
<input type="checkbox"/>	<u>6213652</u>	April 2001	Suzuki et al.	395/114

OTHER PUBLICATIONS

Heidelberg Digital L.L.C. "TabMaker Software" setup windows printout, .COPYRGT.2000
Heidelberg Digital L.L.C., coded by Ron Savino.
Alto Imaging Technologies.RTM. "Image Arranger" Installation and Quick Reference, pp.
1-23, Revised May 28, 2001.
Manual, "Adobe.RTM. Portable Document Formal Reference Manual, Version 1.3," pp.
2-518. Mar. 11, 1999.
Brochure, "W3C Extensible Markup Language (SML) 10," W3C Recommendation Feb. 10, 1998,
pp. 1-32.
Brochure, "StampPDF.TM. Users Guide--An Acrobat Plugin," pp. 6-82, .COPYRGT. 1999
Digital Applications, Inc.
Brochure, "TIFF.TM. Revision 6.0" Specification, pp. 4-120, Jun. 3, 1992.
Manual, "TWAIN Specification Version 1.8," pp. 1-516, Oct. 22, 1998.
Manual, "Open Document Management API, Version 2.0," pp. 1-87, Sep. 19, 1997.
Brochure Guide, "Network Imaging System Interface Development Guide, Release 2," pp.
1-1-6-4, Feb. 2000.
Dan Phelps and John Thompson, "Rendering For Electronic Printers and Copiers," pp.
1-72. Sep. 29, 1992.
Kodak Publication No. FN9074 5/85--"Fundamentals of Digital Copiers--Revision 1," pp.
1-49.

ART-UNIT: 2173

PRIMARY-EXAMINER: ~~Bayard, Raymond, Jr.~~

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ABSTRACT:

A system and method for managing production printing workflow is disclosed. The system includes workflow management software which manages and facilitates the procedural stages of the workflow including job origination, job preparation, job submission and job fulfillment. The workflow management software provides an integrated object oriented interface which visually reflects and interacts with the workflow. The software further provides functionality for efficient page level modifications to documents at the job preparation stage. This functionality allows such modifications to be easily made to selected pages and visually verified by displaying visual representations of the modifications on visual representations of the pages.

30 Claims, 8 Drawing figures